

ATTACHMENT 7 - SCHEDULE

The proposed schedule for the project is included as **Exhibit 7.1**. The schedule includes a timeline for each of the tasks and subtasks in the work plan and budget. The assumed start date is April 1, 2013 with a final project deadline of April 1, 2015, as stated in the Proposal Solicitation Package. The proposed schedule is considered realistic for the work to be performed. KCWD and their consultants are currently available to work on the project, and will schedule staff to work on the project immediately after the announcement of award.

Contingency

The schedule includes completion of all the tasks by September 1, 2014, which is seven months prior to the final project deadline on April 1, 2015. The schedule therefore has a comfortable buffer. In the case of unforeseen delays, the buffer will help ensure that the project is ultimately completed by the final deadline.

Environmental Documentation and Permitting

The project is considered categorically exempt from CEQA (see **Section 5.6**) and only a Notice of Exemption will be needed, which can be prepared and submitted in one day. The Kings County Development Agency has stated that well drilling permits are processed the same day they are received. Encroachment permits will be needed for wells constructed on County road right-of-ways. These permits can typically be processed in one week.

Plans to Address Delays

Common delays for similar projects include permitting and weather delays. The project will have minimal permitting requirements (CEQA and County permits), so no permitting delays are anticipated. A period of two months is provided for monitor well construction, even though they could be completed in as little as four weeks. This provides extra time to account for unforeseen problems, weather delays, or a shortage of drilling contractors. The well construction is also scheduled for October through November, which generally do not have significant rainfall, so the risk of weather delays is small. In addition, KCWD staff and their consultants will strive to complete the work ahead of schedule in case extra time is needed. Furthermore, if work is behind schedule then additional staff will be added to the project team.

Milestones

Major milestones in the schedule are shown on **Exhibit 7.1** and include:



- Conceptual Design Memorandum
- Completion of Plans, Specifications and Bidding Documents
- Commencement of Monitoring Well Construction
- Completion of Monitoring Well Construction
- Completion of Hydrogeologic/Stratigraphic Evaluation
- Draft Project Report
- Final Project Report

**KINGS COUNTY WATER DISTRICT
REGIONAL GROUNDWATER MONITORING PROJECT
Project Schedule**

		2013										2014							
		Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept
Task 1	Public Outreach																		
	1.1 - Groundwater Monitoring Committee Meetings																		
	1.2 - Property Owners Association Meetings																		
	1.3 - District Board of Directors Meetings																		
Task 2	Monitoring Well Design																		
	2.1 - Conceptual Design Memorandum																		
	2.2 - Environmental Documents/Permitting																		
	2.3 - Well Construction Drawings and Specifications																		
	2.4 - Prepare Bidding Documents/Assist with Bidding																		
Task 3	Monitoring Well Construction																		
	3.1 - Well Construction																		
	3.2 - Geologic and Geophysical Logging																		
	3.3 - Surveying																		
	3.4 - Prepare Record Drawings																		
Task 4	Post Construction Activities																		
	4.1 - Hydrogeologic/Stratigraphic Evaluation																		
	4.2 - Monitoring Well Sampling and Analytical Testing																		
Task 5	Project Reporting																		
	5.1 - Progress Reports																		
	5.2 - Draft Project Report																		
	5.3 - Final Project Report																		

Notes:

Final project deadline is April 1, 2015



Important Milestone